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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/628,300	
	Filing Date	July 28, 2003	
	First Named Inventor	Joseph G. Vazach, et al.	
	Art Unit	3489	
	Examiner Name	Ronald W. Leja	
Total Number of Pages in This Submission	15	Attorney Docket Number	03AB043(1506.034)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance communication to (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	Boyle Fredrickson Newholm Stein & Gratz S.C.	
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Printed name	Keith M. Baxter	
Date	July 25, 2006	Reg. No. 31,233

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Typed or printed name	Mary K. Vuk	Date	July 25, 2006

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Mary K. Vuk  
Mary K. Vuk

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Joseph G. Vazach, et al.  
Serial No.: 10/628,300  
Filed: July 28, 2003  
For: In-Line Passive Barrier for Intrinsically Safe Communication Network  
Art Unit: 3489  
Examiner: Ronald W. Leja  
Docket No.: 03AB043 (1506.034)

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AMENDMENT

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Commissioner of Patents and Trademarks  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated May 5, 2006, please amend the application as follows:

Amendments to the claims begin on page 2 of this communication; and  
Remarks in support of patentability begin on page 5 of this communication.